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KDL-65HX729

65" Class (64.5" diag) LED HX729-Series Internet TV

Enjoy 1080p picture quality even in 3D[2] plus internet connectivity for access to music, thousands of movies, TV shows, apps and more.[1] The Sony® HX729-Series Internet TV also features incredible motion clarity plus exclusive X-Reality™ PRO technology that analyzes and perfects picture detail in everything you watch including low-resolution web videos.

Bullets

- Pro-grade detail for discerning eyes: X-Reality™ PRO
- Enjoy ultra-realistic movement with Motionflow™ XR 480
- Dynamic Edge LED backlight for amazing contrast & color
- RS-232C and IR-in for custom control installations
- 3D in Full HD 1080p for phenomenal 3D picture quality[2]
- Stream HD entertainment wirelessly with built-in Wi-Fi®[1]
- PC and tablet content[3] on your TV w/ Intelligent Connect
- Make life-sized video calls with Skype® [1]
- Media Remote™ app to control your TV with a smartphone[4]
- Connect to the TV via Wi-Fi® without using a router[3]

Features

Everything looks better.

This is picture quality so lifelike it's like looking through a window. Each scene in everything you watch—HD movies, sports, even YouTube™ clips and home movies—is presented with unprecedented detail, and astonishing color as Sony's exclusive X-Reality™ PRO picture engine draws on its database of real patterns, shapes and textures to display our mos lifelike picture ever.

Moves like real life.

Golf balls roll clearly, with less blurring, as the camera follows them across the green. Footballs retain their detail and move smoothly as the camera pans quickly during a kickoff. Even quick motion seen in action movies appears amazingly realistic as Motionflow™ XR 480 technology takes motion clarity beyond refresh rates, which are only measured in Hz, to d uble the motion effect for lifelike clarity.

The difference is dynamic.

It's all about perfecting a natural look. Dynamic Edge LED backlighting with local dimming delivers pitch-black night scenes and illuminates bright scenes that pop with vibrant color. Rather than illuminating the entire screen, contrast is boosted in just the right areas for a more realistic picture.

Custom control installations.

RS-232C and IR-in for custom control installations.

In-your-face action.

Brace yourself for pure 3D excitement that feels like you're standing on the 50-yard line. Through advanced Active 3D technology, immerse yourself in Full HD 1080p clarity and phenomenal 3D picture quality. Just slide on the comfortable 3D active glasses and enter a whole new dimension.[1]

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Goodbye wires, hello built-in Wi-Fi®.

Maximize your entertainment while reducing cable clutter. Wirelessly stream beautiful, HD entertainment straight from the internet or your home network using built-in Wi-Fi® connectivity.[1]

Go way beyond cable.

Welcome to the endless entertainment of the Sony Entertainment Network, where thousands of movies, TV shows, online videos, games and music are always at your fingertips. By connecting to the Internet you can access Full HD 1080p entertainment, 3D content[2] and made-for-TV apps like Netflix®, Pandora®, YouTube™, Facebook® and more.[1]

All devices, together as one.

Don't all of your personal photos and videos deserve the big screen? Experience your content on a grand scale simply by connecting your compatible smartphone, computer or Sony Tablet™ S via your existing Wi-Fi® network. Then you can easily "throw" your videos, photos and music files to your HDTV.[3]

Life-sized video calls.

It's like they're in the room with you. Skype® video calls bring your family and friends closer than ever as they appear as large as life on your big screen—for free.[1] Just connect the easy-to-use Skype camera (sold separately) for a face-to-face look at the caller on the beauty of your Sony HDTV.

Control your TV with your phone.

Now there's one less remote control on the coffee table. Just download the free Media Remote™ app and turn your iPhone®, Android™ phone or Sony Tablet™ S into a versatile remote control with a full QWERTY keyboard[4]. It makes changing channels and typing searches ultra fast and convenient.

Turns off when no one's watching.

We all forget to turn the TV off sometimes. A built-in motion sensor turns the picture off if no movement is detected, leaving only sound. Still no movement? It turns the TV completely off, saving energy when you're not around. Very smart.

Wi-Fi® without a router.

Sometimes your friends want to share their personal photos and videos on your beautiful HDTV. With Sony's Wi-Fi Direct™ Mode, your friends can throw personal content to your TV without connecting to your home network. Wi-Fi Direct completely bypasses the Wi-Fi access point/router, so it's easy to set up.[3]

A sense for songs.

What's that song in the TV show, movie or commercial you're watching? Press 'TrackID' on your remote and get the song name and artist instantly.[7] You can also start the TrackID® service by shaking a smartphone that's running the Media Remote™ app.[4] Very convenient.

Save power, save money.

Enjoy lower energy bills with reduced power consumption of up to 30% while maintaining beautiful image quality with Eco Drive technology. It automatically reduces power consumption while boosting color and detail on the screen and conserving energy used by the backlight.[6]

Onboard manual.

You will never lose your TV manual again. The iManual is available through the menu system on the TV – always there if you need it.

Find it fast.

Searching for shows and music on your TV is so simple. Just press 'GUIDE' on your remote and see what's on and what's coming up with a handy image to go with it. You also get an episode synopsis, cast and crew details and suggestions to related shows, on-demand movies and Blu-ray Disc™ titles.[7]

Finding music is also a cinch. Music Search with the TrackID® button cleverly recognizes the melody of the music playing on your TV. Want to go further? Search to find more songs by the same artist and other related web content. Share your discovery with the world via Twitter™.[7]

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Specifications

3D Features	
2D to 3D Conversion	Yes
3D	Yes
3D Sync Transmitter Integrated	Yes
Simulated 3D	Yes

Audio	
Audio Power Output	10W + 10W + 10W
Speaker Configuration	2.1
Speaker Position	Rear Facing

Audio Features	
5.1 Channel Audio Out	Yes
5.1ch Through Out (Handycam)	Yes
Advanced Auto Volume	Yes
Alternate Audio (Digital)	Yes
Audio Out	Fixed/Variable
Auto Mute (on no signal)	Yes
Auto SAP	Yes
Clear Phase Speaker	Yes
Dolby®	Dolby Digital, Dolby Digital Plus, Dolby Pulse
Headphone/ Speaker Link	Yes
Invisible Speaker	Yes
S-Master	Yes
Sony Original Surround	S-Force Front Surround 3D
Sound Booster	Yes
Sound Enhancer	Yes
Sound Mode	Dynamic, Standard, Clear Voice, Custom
Stereo System	MTS
Surround Effect	Cinema, Sports, Music, Game

Broadcast Features	
TV Guide On-Screen	Yes

Convenience Features	
Auto Shut-off	Yes
BRAVIA® Sync™	Yes
Channel Block (with password)	Analog & Digital
Channel Jump	Yes
Channel Surf	Yes
Control for HDMI™ (HDMI™ CEC)	Yes
Edit Channel Labels	Yes
Favorites	Yes
Info Banner	Yes
Input Skip	Automatic
Label Inputs	Yes
Multiple Language Display	English, French, Spanish
On/Off Timer	Yes
On-Screen Clock	Yes
On-Screen Display for External Input	Yes
On-Screen Operating Instructions	Yes
Panorama	Yes
PAP (Fixed or Variable)	PAP(Variable)
Parental Control	Yes
Picture Adjustments Lock	Yes
Picture Frame Mode	Yes
PIP (Picture in Picture)	Yes
Quick Start & Viewing	Yes
Scene Select	Photo, Music, Cinema, Game, Graphics, Sports, Animation
Show/Hide Channels	Yes
Skin Naturalizer	Yes
Sleep Timer	Yes
Twin Picture	PAP (Variable)
USB Play	Yes

Customizing Capability	
Control via IR In	Yes
RS-232C Control	Yes

Display Features	
Backlight Type	Dynamic Edge LED
Deep Black Panel	Yes
Display Device	LCD

Display	
Aspect Ratio	16:9
Display Resolution	Full HD 1080p
Panel Frequency	240Hz
Screen Size (measured diagonally)	65" Class (64.5")
Viewing Angle (Right/Left)	178 (89/89)
Viewing Angle (Up/Down)	178 (89/89)

Energy Saving & Efficiency	
Backlight Off Mode	Yes
Dynamic Backlight Control	Yes
Energy Star® compliant	V4.1:OK, V5.0:OK
Power Consumption (On Mode) for Energy Star	102W
Power Consumption (Standby Mode) for Energy Star	0.30W

General Features	
Audio Return Channel	Yes
Closed Captions (CC)	Analog, Digital
Finish (Surface Color)	Black
HDMI™ InstaPort	Yes
New GUI	Yes
Start Up Sony Logo Display	Yes

Inputs and Outputs	
AC Power Input	1 (Rear)
Analog Audio Input(s) (Total)	2 (Rear)
Audio Out	1(Side) Hybrid w/HP
Component Video (Y/Pb/Pr) Input(s)	1 (Rear/Hybrid)
Composite Video Input(s)	2 (Rear/1 Hybrid)
Digital Audio Output(s)	1 (Rear)
Ethernet Connection(s)	1 (Rear)
HDMI™ Connection(s) (Total)	4 (1 Side/ 3 Rear)
HDMI™ PC Input	Yes
Headphone Output(s)	1 (Side) Hybrid w/Audio out
IR Input(s)	1 (Rear)
PC In (D-Sub) + Audio In (Stereo Mini)	D-Sub 1 (Side), Mini 1 (Rear)
RF Connection Input(s)	1 (Rear)
RS-232C Input(s)	1 (Bottom)
USB 2.0	2 (Side)

Network Features	
BRAVIA® Internet Video	Yes
BRAVIA® Internet Widgets	Yes
DLNA	Yes
DLNA Content	Yes

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Internet_Browser	Yes
Media Remote	Yes (Firmware Update Required)
Photo MAP	Yes
Skype™	Yes (Firmware Update Required)
TrackID	Yes
Video Search	Yes
What's New	Yes (Firmware Update Required)
Wi-Fi Certified	Yes
Wi-Fi Direct	Yes (Firmware Update Required)
Wireless LAN	Integrated
Yahoo! Widgets	Yes (Firmware Update Required)

Power

Power Consumption (in Download Acquisition Mode)	0.02kWh / Day
Power Consumption (in Operation) max.	267W
Power Consumption (in Standby)	0.30W (120V)
Power Requirements (frequency)	60Hz
Power Requirements (voltage)	AC 120V

Recycled & Recyclable Materials

Packaging Materials	Recycled Carton (more than 40%)

Regulation and Standards Compliance

VESA® Hole Pitch	400 x 300 mm
VESA® Hole Spacing Compatible	Yes

Sensing Features

Ambient Sensor	Yes
Presence Sensor	Yes

Service and Warranty Information

Limited Warranty Term	18 Months Parts / 18 Months Labor

TV System

Channel Coverage	VHF: 2-13, UHF: 14-69, CATV: 1-135
Color System	NTSC
Number of Tuners (Analog)	1(Hybrid)
Number of Tuners (Digital)	1(Hybrid)
Tuner (Cable)	Clear QAM
Tuner (Terrestrial)	ATSC
TV System (Analog)	M
TV System (Digital)	ATSC

Video

Video Signal	1080/24p (HDMI™ only), 1080/60i, 1080/60p (HDMI™ / Component), 720/60p, 480/60i, 480/60p

Video Features

24p True Cinema™ Technology	Yes
3D Comb Filter	Yes
4:3 Default	Yes
Advanced Contrast Enhancer (ACE)	Yes
Auto Wide	Yes
Blinking Type	Frame Blinking
CineMotion® Reverse 3:2 Pulldown Technology	Yes
Deep Color	Yes
Intelligent MPEG Noise Reduction	Yes
Live Color™ Technology	Yes
Motionflow™ Technology	XR 480
PhotoTV HD	Yes
Picture Mode	Vivid, Standard, Photo-Vivid, Photo-Standard, Photo-Original, Photo-Custom, Cinema, Game-Standard, Game-Original, Graphics, Sports, Animation
Video Processing	X-Reality™ PRO Engine
Wide Mode	Full, Normal, Wide Zoom, Zoom, Caption, Normal/ Full1/Full2 for PC

Dimensions (Approx.)

Dimensions (Approx.)	59 x 35 3/8 x 2 3/8" (1496 x 898 x 59mm) without stand; 59 x 36 5/8 x 14 5/8" (1496 x 930 x 371mm) with stand

Weights and Measurements

Packaging (Approx.)	62 5/8 x 40 5/8 x 18 1/4" (1588 x 1030 x 461mm); 128 lbs (59Kg)
Weight (Approx.)	86 lbs (39.1Kg) without stand; 104 lbs (47.2Kg) with stand

Measurements (Approx.)

Package Carton (W x H x D)	1588 x 1030 x 461 mm (62 5/8 x 40 5/8 x 18 1/4 inch)
TV only (W x H x D)	1496x898x40 mm / 59x35 3/8x1 5/8 inch (excl. RS232 port), 1496x898x59 mm / 59x35 3/8x2 3/8 inch (incl. RS232 port)

1. Broadband speed of at least 2.5 Mbps recommended (10 Mbps for HD). Content subject to change and may require fees. Wireless connectivity requires 802.11 home network (802.11n recommended). Skype requires CMU-BR100 camera sold sep. Subject to Skype's terms and conditions.

2. Requires 3D content, 3D player, HDMI® cable (at least 10.2 Gbps) and 3D active glasses sold separately.

3. Streaming content, copy-protected content and certain formats are not supported.

4. Requires devices connected to the same wireless home network.

5. Requires active internet connection.

6. Compared to normal viewing. Based on 40-inch LED TV with Picture Setting 'Vivid.'

7. As of January 1, 2012

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/Updated: June 8, 2012